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**Part Number:** **0760401008**  
**Status:** **Active**  
**Overview:** GbX I-Trac™ Backplane Connector System  
**Description:** GbX I-Trac™ Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Unguided, 15 Rows, 8 Columns, 240 Circuits

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-608 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-75710-999 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
Series 76040  
Application Coplanar, Daughtercard  
Component Type PCB Receptacle  
Overview GbX I-Trac™ Backplane Connector System  
Product Name GbX I-Trac™  
UPC 822350894487

**Physical**

Circuits (Loaded) 240  
Circuits (maximum) 240  
Color - Resin Black  
Durability (mating cycles max) 200  
First Mate / Last Break No  
Flammability 94V-0  
Guide to Mating Part No  
Keying to Mating Part None  
Material - Metal High Performance Alloy (HPA)  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 31.674/g  
Number of Columns 8  
Number of Pairs 8, Open Pin Field  
Number of Rows 15  
Orientation Right Angle  
PC Tail Length 2.00mm  
PCB Locator No  
PCB Retention None  
PCB Thickness - Recommended 1.60mm  
Packaging Type Tray  
Pitch - Mating Interface 1.85mm, 3.70mm  
Pitch - Termination Interface 1.00mm, 2.70mm  
Plating min - Mating 0.762µm  
Plating min - Termination 0.762µm  
Polarized to PCB No  
Stackable Yes  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -55°C to +80°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

76040 Series

**Mates With**

76035 GbX I-Trac™ Vertical Header Module

**Use With**

78239 GbX I-Trac™ Right Angle Power  
Header. 76153 Pirate Cannon Wide Guide  
Module

**Application Tooling | FAQ**

*Tooling specifications and manuals are  
found by selecting the products below.  
Crimp Height Specifications are then  
contained in the Application Tooling  
Specification document.*

**Global**

**Description**

**Product #**

Current - Maximum per Contact	1.0A
Data Rate	12.0 Gbps
Real Signals (per 25mm)	101
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

GbX I-Trac™ Daughter Card Press-In Tool	<u>0622018622</u>
Daughter Card Signal Module Removal Tool	<u>0622023000</u>

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-70873-608
Product Specification	PS-75710-999
Sales Drawing	SD-76040-001

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